

Notice of Allowability

Application No.

10/815,738

Examiner

Steven M. Marsh

Applicant(s)

HSU, BEN

Art Unit

3632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's communication received on 15 March 2005.
2. ☒ The allowed claim(s) is/are 10-18.
3. ☒ The drawings filed on 02 April 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

This is the second office action for U.S. Application 10/815,738 for an End Securing Device for Telescopic Tubes filed by Hsu on April 2, 2004.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bruce Troxell on June 10, 2005. The application has been amended as follows: Claim 1, the 2nd line of page 3, the word "is" has been deleted. Claim 15, line 2, the word "having" has been deleted and replaced with - - have - -, and the word "located" has been deleted. Claim 16, line 2, the word "having" has been deleted and replaced with - - has - -

Allowable Subject Matter

Claims 10-18 are allowed. The following is an examiner's statement of reasons for allowance: The prior art does not disclose an end securing device for a telescopic tube with two vacuum suckers that are located at one of the two opposing ends of the telescopic tubes, wherein each sucker has a suction cup movable between first and second positions and having: a conic suction space located on a first end thereof and a

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driven post protruding from a second end thereof; a retaining piece engaging the second end of the suction cup on a first end thereof and having a registration column on the second end thereof and a central through hole, along with a pair of opposite stop ribs symmetrically positioned on a wall of the central through hole; a control piece rotatably engaging the retaining piece and having a coupling groove located at a first end thereof, a pair of oblique conic sliding guide plates symmetrically positioned on an interior of the coupling groove and threadedly engaging the pair of opposite stop ribs, a receiving chamber located at a second end thereof, and an engaging through hole communicating with the coupling groove and the receiving chamber; and an activation piece inserted into the receiving chamber of the control piece and connected to the driven post.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven Marsh whose telephone number is (571) 272-6819. The examiner can normally be reached on Monday-Friday from 8:00AM to 4:30 PM. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone

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number is (571) 272-3600. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

SM

Steven M. Marsh

June 10, 2005

Ramon O. Ramirez
RAMON O. RAMIREZ
PRIMARY EXAMINER
ART UNIT 355 3632